

# PATENT ABSTRACTS OF JAPAN

(11) Publication number : 01-108976

(43) Date of publication of application : 26.04.1989

(51) Int.Cl.

C12N 1/00  
B01F 3/14  
B01J 13/02  
C12N 1/20  
C12N 5/00  
// C12M 1/00

(21) Application number : 63-236656

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(22) Date of filing : 22.09.1988

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(30) Priority

Priority number : 87 3732370 Priority date : 25.09.1987 Priority country : DE

## (54) METHOD FOR MIXING LIVING CELL OR MICROORGANISM WITH VISCOUS LIQUID

(57) Abstract:

**PURPOSE:** To obtain a homogeneous dispersion without degrading a biological system by using a static mixer in the mixing of living cells or microorganisms with a viscous liquid.

**CONSTITUTION:** A static mixer is used in the mixing of living cells or microorganisms such as antibody-producing cell, vegetable cell, E.coli or baker's yeast with a viscous liquid. The static mixer is preferably the one having a skeleton composed of mutually engaged and crossed webs such as Sulzer SMX static mixer supplied by Gebrueder Sulzer Aktiengesellschaft, Switzerland. The viscosity of the viscous liquid is preferably about 0.002-10 Pa.s., especially about 0.01-0.6 Pa.s.

